

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Kosaraju Krishna MOHAN, et. al.  
Serial No.: 09/770,340  
Filed: January 26, 2001  
For: LOW DENSITY PAPER AND PAPERBOARD ARTICLES  
GAU/Examiner:

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

It is respectfully requested that the documents listed on the attached Form PTO-1449 be considered by the Patent and Trademark Office in the above-entitled application and made of record therein.

This statement is believed to be in compliance with the provisions of 37 C.F.R. §§ 1.97 and 1.98, including submission of the enclosed full-text copies.

By this submission applicant is not admitting the materiality of these references; they are merely submitted to ensure full compliance with 37 C.F.R. § 1.56.

Respectfully submitted,

LUEDEKA, NEELY & GRAHAM, P.C.

By: 

Mark S. Graham

Registration No. 32,355

Date: April 6, 2001  
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\*\*\* CERTIFICATE OF MAILING \*\*\*

*I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231*

on April 6, 2001  
Date

  
Mark S. Graham

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)				<b>Complete If Known</b>	
				Application Number	09/770,340
				Filing Date	January 26, 2001
				First Named Inventor	Kosaraju Krishna MOHAN
				Group Art Unit	
				Examiner Name	
Sheet	1	of	5	Attorney Docket No.	54821.P1

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document No.	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Relevant Figs. Appear
		3,293,114	D. Kenaga, et al.	12/20/1966	
		3,357,322	L. D. Gill	01/12/1965	
		3,468,467	S. W. Amberg	09/23/1969	
		3,556,934	F. Meyer	01/19/1971	
		3,615,972	D. Morehouse, et al.	10/26/1971	
		3,779,951	R. Streu	12/18/1973	
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		3,941,634	H. Nisser, et al.	03/02/1976	
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		Office <sup>2</sup>	Number <sup>3</sup>				

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>4</sup>

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		4,237,171	Fred C. Laage	12/02/1980	
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		4,435,344	A. Iioka	03/06/1984	
		4,451,585	B. Andersson	05/29/1984	
		4,483,889	B. Andersson	11/20/1984	
		4,548,349	R. Tunberg	10/22/1985	
		4,581,285	E. Mahefkey, Jr.	04/08/1986	
		4,617,223	D. F. Hiscock	10/14/1986	
		4,619,734	I. Andersson	10/28/1986	
		4,777,930	M. E. Hartz	10/18/1988	
		4,781,243	N. DeVogel	11/01/1988	
		4,836,400	W. Chaffey, et al.	06/06/1989	

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		4,898,752	G. A. Cavagna	02/06/1990	
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		5,092,485	T. T. Lee	03/03/1992	
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		5,363,982	C. E. Sadlier	11/15/1994	
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		5,454,471	J. Norvell	10/03/1995	
		5,477,917	I. Salyer	12/26/1995	
		5,478,988	T. E. Hughes, et al.	12/26/1995	
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		5,601,744	Wayne D. Baldwin	02/11/1997	
		5,637,389	David Colvin, et al.	06/10/1997	
		5,705,242	P. J. Andersen	01/06/1998	
		5,759,624	Douglas Neale, et al.	06/02/1988	
		5,792,398	Bengt Andersson	08/11/1998	
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		Tappi/ May 1972, Vol. 55, No. 5, pg. 770-771	
		Tappi/ December 1973, Vol. 56, No. 12, Pg. 158-160	
		"The Use of Microspheres to Improve Paper Properties", by Soderberg, Paper Technology, August 1989, pgs. VIII/17-VII/21	

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			First Named Inventor	K. Mohan, et al.	
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		"XPANCEL®", An Introduction, a publication from Expancel, Box 13000, S0-850 13 Sundsvall, SWEDEN	
		"The Application of Microspheres for the Production of High Bulk Papers", by M. Baumeister, Das Papier, Vol. 26, no. 10A: 716-720 (1972)	
		"Microspheres find use as fiber replacement in low-density board", by David O. Bowen, Pulp & Paper November 1976, pg. 126-127	
		EXPANCEL ® Expandable Microspheres in Paper and Board, by Mark Lunabba, KemaNord Plast AB, Sector Microspheres, Box 13000, S-850 13 Sundsvall, SWEDEN	
		"Expandable Microspheres in Board", World Pulp & Paper Technology, pgs. 143-145	
		"Foams on the Cutting Edge", by Ray Erikson, January 1999	

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		3,819,470	Shaw, et al.	06-25-1974	
		4,179,546	Garner, et al.	12-18-1979	
		4,324,753	Gill	04-13-1982	
		4,988,478	Held	01-29-1991	
		5,800,676	Koike, et al.	09-01-1998	
		6,379,497	Sandstrom, et al.	04-30-2002	

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		JA	2669767	Oji Paper Co.	1997		

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